

Title (en)
Cleaning method for exhaust gas

Title (de)
Reinigungsverfahren für Abgas

Title (fr)
Procédé de purification de gaz d'échappement

Publication
EP 0687494 A1 19951220 (EN)

Application
EP 95109105 A 19950613

Priority
JP 15531694 A 19940613

Abstract (en)
A cleaning method for an exhaust gas containing ammonia, silanes, and organometallic compounds exhausted from a nitride film production step, etc., for producing compound semiconductors. After removing the silanes and the organometallic compounds from the exhaust gas by contacting the exhaust gas with a cleaning agent comprising soda lime having provided thereon a copper(II) salt, the exhaust gas is contacted with an ammonia decomposition catalyst to decompose ammonia into hydrogen and nitrogen, and undecomposed ammonia in the remaining exhaust gas is then removed by a cleaning agent comprising an inorganic carrier having provided thereon a copper(II) salt, or an active carbon having provided thereon copper sulfate.

IPC 1-7
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IPC 8 full level
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Citation (search report)

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CN103073026A; WO2004018353A1

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
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